



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 1-2-0187.1US		SERIAL NO. 10/004,370	
				APPLICANT Pan et al.			
				FILING DATE November 11, 2001		GROUP 2634	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓		5,793,814	08/1998	Baier et al.			
✓		6,072,947	06/2000	Roychowdhury et al.			
✓		6,144,711	10/2000	Raleigh et al.			
✓		6,154,443	11/2000	Huang et al.			
✓		6,177,906	01/2001	Petrus			
✓		6,798,737	09/2004	Dabak et al.			
✓		6,879, 578	04/2005	Pan et al.			
✓		6,885,654	04/2005	Pan et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
✓		00/77942	12/2000	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
✓		Ramjee Prasad et al. <i>Third Generation Mobile Communication Systems</i> , Artech House, Boston, 2000					
✓		Anja Klein et al, "Zero Forcing and Minimum Mean-Square Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels," <i>IEEE Trans. on Vehicular Technology</i> , Vol. 45, No. 2, pp. 276-287, May, 1996					
✓		Anja Klein et al, "Data Detection Algorithms Specially Designed for the Downlink of CDMA Mobile Radio Systems," <i>IEEE 47th Vehicular Technology Conference</i> , pp. 203-207, May 1997.					

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 01/30/2006
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

FORM PTO-142 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 1-2-0187.1US		SERIAL NO. 10/004,370	
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
J		H.R. Karmimi et al. "A Novel and Efficient Solution to Block-Based Joint-Detection using Approximate Cholesky Factorization," <i>Personal, Indoor and Mobile Communications PIMRC '98</i> , Conference Proceedings, Vol.3, pp. 1340-1345, Sept. 1998, Boston, MA.					
J		ETSI STC SMG2 Layer 1 Expert Group, "Low Cost MMSE-BLE-SD Algorithm for UTRA TDD Mode Downline," Tdoc SMG2 UMTS L1, Helsinki, Finland, Sept. 1998.					
J		3G TS 25.102 V3.4.0, 2000-10, "UTRA (TDD) Radio Transmission and Reception," 3 rd Generation Partnership Project, Technical Specification Group RAN WG4, Annex B., pp. 37.					
J		Das et al., "Computationally Efficient Multiuser Detectors", <i>Personal, Indoor and Mobile Radio Communications</i> , IEEE, September 1997, vol. 1, pp. 62-67.					

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